

Date: Sun, 6 Jun 93 04:30:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #686
To: Info-Hams

Info-Hams Digest Sun, 6 Jun 93 Volume 93 : Issue 686

Today's Topics:

 Collins tool
 GMRS; type acceptance question
 Repeaters with those damned beeps
 roof mounted tri-band beam

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 06 Jun 1993 04:51:10 GMT
From: usc!sol.ctr.columbia.edu!news.unomaha.edu!nevada.edu!jimi!physics.unr.edu!
nimbus!mswmod@network.UCSD.EDU
Subject: Collins tool
To: info-hams@ucsd.edu

In article <C8269A.J2A@srgenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:
>Jeffrey D. Angus (jangus@skyld.tele.com) wrote:

>
>: Another series of fasteners to watch out for are the cross slotted screw
>: heads. These come in a total of four variations. Phillips which is what
>: most of them are. Reed-Prince look like Phillips, but the shape has an
>: additional X indentation on the top of the screwhead. (These are common
>: on most Hewlett Packard equipment). ...

>
>I thought they were called "Pozi-Driv." Except HP isn't going to use them
>any more -- going to Torx. (Another decade, another fastener.)

>
>AL N1AL

>

Your right Al,

the ones I am thinking of are called Pozi-Drive.
Not sure of the spelling, but looks about right. Xcelite sells
them. (Jensen etc) I find that they are much less apt to slip
than the regular Phillips drivers.

KU7Y

Date: Fri, 4 Jun 1993 04:34:13 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!darwin.sura.net!
knuth.mtsu.edu!raider!theporch!jackatak!jackhill@network.UCSD.EDU
Subject: GMRS; type acceptance question
To: info-hams@ucsd.edu

popovich@cyclades.ma30.bull.com (Steve Popovich) writes:
> Part 97 type acceptance? Is this an oxymoron, or what? Probably a
> typo. I guess he meant <whatever part covers GMRS> instead, since any
> ham is allowed to throw together a few parts and come up with
> something "type accepted" for Part 97 operation. :-)

NOT SO!!! Sure John Q. Ham can build whatever he wants and put it on
the air, as long as s/he can make it work within the requirements of
spectral purity. HOWEVER!!!!!! s/he may NOT set up a company to SELL
these rigs cobbled up in the garage unless they meet FCC type
acceptance. And, for further NO-NO, consider the DXers toy, the All-
American High Power, Fire Bottle Apple-Fryer... J.Q. can built one for
himself any time, with ten meters as the only band if s/he choses.
BUT, old JQ may NOT build and sell such an amplifier, because it does
NOT meet FCC type-acceptance...

Some pedant will no doubt tell me that it isn't Part 97, but rather
some other section of the FCC rules. That is not my point. I am simply
trying to refute the notion that because we can make one each units
for our own personal use (predicated upon our assumed ability to build
them correctly, as demonstrated during our licensing exam -- another
topic for a different forum ;^) that there is no type-acceptance for
Amateur gear...there is!

73
Jack

+-----+
| Jack GF Hill |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |

| P. O. Box 1685 |Modem: (615) 377-5980 - Compu\$erve 76427,31 |
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Date: Sun, 6 Jun 1993 06:31:52 GMT
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!spunky.RedBrick.COM!psinntp!
psinntp!iat.holonet.net!bwilkins@network.UCSD.EDU
Subject: Repeaters with those damned beeps
To: info-hams@ucsd.edu

brian@nothing.ucsd.edu (Brian Kantor) writes:

:
: Foo on telemetry beeps; what you really need to do is strip the transmit
: PL and send a packet burst containing the entire system status in one frame
: once every 15 minutes.
:....

We regenerate the pl signal only when a user is present on the repeater.
This way the beeps and boops are not heard when one is in ctcss decode
mode. A club box with periodic barkers is no longer objectionable to
listen to for long periods of time. I have found that the beeps tend to
slow the actual throughput of a given channel to a crawl. This tends to
allow more people to participate as they can break in more easily.

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@holonet.net packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: Fri, 4 Jun 1993 04:45:34 GMT
From: swrinde!emory!darwin.sura.net!knuth.mtsu.edu!raider!theporch!jackatak!
jackhill@network.UCSD.EDU
Subject: roof mounted tri-band beam
To: info-hams@ucsd.edu

parkin@Eng.Sun.COM (Michael Parkin) writes:

> I would like to mount a beam/quad using my chimney. The chimney
> has reinforced steel bars in it and was recently redone from the roof up
> because of the 89 earthquake.

Gee, I don't think I'd want to do that, Michael. The chimney may seem
solid and immobile, but the very nature of brick structure is that the
mortar joints and bricks are "live". They move, stretch and contract.
That immobile reinforced chimney is NOT a real good place for an
antenna mount. Most strapped on TV beams tend to fall off the chimney

IF they last long enough in the presence of flue gases, which will turn an antenna into an odd configuration of oxides in real short order...yet another reason to just say "NO!"

> Where can I find a good chimney strap mount. The radio shack one does not
> look strong enough to hold a 30 lb. beam or quad.
Precicely because if they WERE strong enough, your reinforced chimney would self-destruct before the antenna would fall down.

> This sounds like a better idea than a roof mounted tower.
NOT! The discussion on a roof mounted tower pointed to the results of sloppy and poorly-engineered installations... A solution can be found, but talk to someone who has ENGINEERED a great deal, and fixed a few of his own mistakes!

73

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End of Info-Hams Digest V93 #686
